

In the Claims:



This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) A manual input device comprising:
 - a rotating motor ~~swingably movably fitted with respect to a frame, wherein the rotating motor forms an actuator;~~
 - a bracket fitted to an outer surface of the rotating motor and tiltably movably fitted to the frame to form an actuator;
 - a manual control knob fitted to a driving shaft of the actuator, the manual control knob integrated with the actuator so as to be swingably manipulated;
 - a first position sensor which detects a direction of movement of the actuator;
 - a second position sensor which detects a direction and an amount of rotation of the driving shaft of the actuator; and
 - a controller which inputs positional signals outputted from the first and second position sensors to control the actuator and applies an external force to the manual control knob according to the way the knob is manipulated.
2. (Cancelled)
3. (Previously presented) The manual input device according to Claim 1, wherein the driving shaft of the actuator passes through a guide groove, and the guide groove restricts a direction and amount of lateral movement of the actuator.
4. -5. (Cancelled)
6. (Previously presented) The manual input device according to Claim 1, wherein the first position sensor is a stick controller.

7. (New) A manual input device comprising:

a rotating motor attached to a frame so as to move tiltably in the direction that the axis of the rotating motor is tilted;

a manual control knob fitted to a driving shaft of an actuator, the manual control knob integrated with the actuator so as to be swingably manipulated;

a first position sensor which detects a direction of movement of the actuator;

a second position sensor which detects a direction and an amount of rotation of the driving shaft of the actuator; and

a controller which inputs positional signals outputted from the first and second position sensors to control the actuator and applies an external force to the manual control knob according to the way the knob is manipulated.